| FORM PTO-<br>Expires 06/30/99<br>OMB 0651-0027 | C T C C C C C C C C C C C C C C C C C C  | 4-16-2002   |   | U.S. Department of Comr<br>Patent and Trademark Of<br>PATENT                                |
|--|--|---|---|---|
|  |  | and terti antel Atlet (Kini atin) Lital (Ali jan)   |   |   |
|  | Tr'  | 02058558<br>ATION FORM COV  | /ER SHEET   | 11.   |
|  | TRADEMARK  | PATENTS ONL   | Υ   | 4.10.03   |
| 1  | <u>nissioner of Patents and Trademark</u>  | (   |   | ment(s) or copy(ies).   |
| Submission New                                 | ттуре  | Conveyance Typ  Assignment  | Security Agr  | eement  |
| Resubmi  | ssion (Non-Recordation)  |   |   |   |
| Docume   | nt ID#   | License   | Change of N   | ame   |
| Correction Reel #                              | on of PTO Error Frame #  | Merger  | Other   |   |
| 1 4 1 1  | ve Document  | (For Us   | <i>U.S. Governmen</i><br>se ONLY by U.S. Governme   |   |
| Reel #   | 012532   Frame #   0086  |   | partmental File   | Secret File   |
| Conveying                                      |  | Mark if additiona   | I names of conveying p  | parties attached Execution Date   |
| Name (line 1)                                  | ARNO EUTENEUER   |   |   | 11/18/2001  |
| Name (line 2) Second Party                     | HARALD GIESSEN   |   |   | Execution Date  |
| -  | MARTIN HOFMAN  |   |   | Month Day 11/16/2001  |
| Name (line 2)                                  |  |   |   |   |
| Receiving P                                    | lartu  |   |   |   |
|  |  |   |   | of receiving parties attached   |
| Name (line 1)                                  | TRANSMIT GESELLSCHAFT FUR  | TECHNOLOGIETRANSF   | EK MBH  | is an assignment and receiving party is not   |
| Name (line 2)                                  |  |   |   | domiciled in the Unite<br>States, an appointmen<br>of a domestic                            |
| Address (line 1)                               | KERKRADER STRASSE 3  |   |   | representative is attac<br>(Designation must be<br>separate document in                     |
| Address (line 2)                               |  |   |   | Assignment.)  |
| Address (line 3)                               | CIESSEN  | GERMANY   |   | 35394   |
|  | City   | State/Country   |   | Code  |
| Domestic Re                                    | epresentative Name and A   | ddress Enter f  | for the first Receiving F   | Party only.   |
| Name   | CHRISTOPHER W. BRODY   |   |   |   |
| Address (line 1)                               | CLARK & BRODY  |   |   |   |
| Address (line 2)                               | SUITE 600  |   |   |   |
|  | 1750 K STREET, NW  |   |   |   |
| ] <u> </u>                                     |  |   |   |   |
| Address (line 4)                               | WASHINGTON, DC 20006   |   |   |   |
|  |  | FOR OFFICE USE ONLY   | ,   |   |
|  |  |   |   |   |
|  |  |   |   |   |
|  |  |   |   |   |
| and gathering the data                         | g for this collection of information is estimated to a<br>needed to complete the Cover Sheet. Send com   | verage approximately 30 minutes por<br>ments regarding this burden estim                        | er Cover Sheet to be recorded, late to the U.S. Patent and Tr                               | , including time for reviewing the do   |
| and gathering the data<br>Washington,          | g for this collection of information is estimated to a<br>needed to complete the Cover Sheet. Send com<br>Office of information and Regulatory Affairs, Office | ments regarding this burden estiments of Management and Budget, Pape                            | nate to the U.S. Patent and Tri<br>erwork Reduction Project (065                            | ademark Office, Chief Information of 1-0027), Washington, D.C. 20503. S                     |
| and gathering the data<br>Washington,          | g for this collection of information is estimated to a<br>n needed to complete the Cover Sheet. Send com   | ments regarding this burden estim<br>of Management and Budget, Pape<br>orded with required cove | nate to the U.S. Patent and Tri<br>erwork Reduction Project (065'<br>er sheet(s) informatio | ademark Office, Chief Information (<br>1-0027), Washington, D.C. 20503. S<br>DN <b>10</b> : |

PATENT REEL: 012781 FRAME: 0078

| FORM PTO-1619B<br>Expires 06/30/99<br>OMB 0651-0027   | Page 2  | U.S. Department of Commerce<br>Patent and Trademark Office<br>PATENT |
|---|---|--|
| Correspondent Name and Addre  | ess<br>Area Code and Telephone Number   | 202-835-1111   |
| Name CHRISTOPHER W. BRODY   | 7   |  |
| Address (line 1) CLARK & BRODY  |   |  |
| Address (line 2) SUITE 600  |   |  |
| Address (line 3) 1750 K STREET, NW  |   |  |
| Address (line 4) WASHINGTON, DC 20006   |   |  |
| Pages Enter the total number including any attachme   | of pages of the attached conveyance docume ents.  | # <u>8</u>   |
| Application Number(s) or Patent   |   | dditional numbers attached   |
| Patent Application Number  10/009,589  If this document is being filed together with a n was  Patent Cooperation Treaty (PCT  Enter PCT application numb only if a U.S. Application Nu has not been assigned. | per PCT PCT PCT   | Number(s)  |
| Enter the   | total number of properties involved.  |  |
| Method of Payment: Deposit Account  | mount for Properties Listed (37 CFR 3.41): \$  Enclosed Deposit Account  or if additional fees can be charged to the  Deposit Account Number: #  Authorization to charge additional fees: | 40.00<br>50-1088<br>Yes  No  |
| Statement and Signature   |   |  |
| attached copy is a true copy o indicated herein. CHRISTOPHER W. BRODY   | and belief, the foregoing information is true are of the original document. Charges to deposit a  | 1104 4-10-0 3  |
| Name of Person Signing  | Sign <i>aj</i> ture   | Date   |

PATENT REEL: 012781 FRAME: 0079 110581-40

JCST-R9676 1 1 DEC 2001

| FORM PTO-1595 (Modified) (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) P08A/RE V03  Tab settings * * *                        | HEET 10 / 0 0 5 Batent and Trademark Office                       |
|--|---|
| To the Honorable Commissioner of Farents 1.01972109  | the attached original documents or copy thereof.                  |
| Name of conveying party(ies):  | 2. Name and address of receiving party(ies):                      |
| Arno Euteneuer   |   |
| Harald Giessen Martin Hofman   | Name:   |
| Waitin Horman  | Address: Kerkrader Strasse 3                                      |
| Additional names(s) of conveying party(ies)  |   |
| 3. Nature of conveyance:   |   |
| ⊠ Assignment □ Merger  |   |
|  | City: Giessen State/Prov.:  |
|  | -   |
| Other  | Country: Germany ZIP: D-35394                                     |
| Execution Date: November 18, 2001  | Additional name(s) & address(es)                                  |
| 4. Application number(s) or patent numbers(s):   | 9589  |
| If this document is being filed together with a new application,   |   |
|  | B. Patent No.(s)  |
| Patent Application No. Filing date   | B. Falent No.(5)  |
|  |   |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |   |
| 49,30 GH   |   |
| /  |   |
| Additional numbers   | ☐ Yes ☒ No  |
| Name and address of party to whom correspondence concerning document should be mailed:   | 6. Total number of applications and patents involved:             |
| Name: Christopher W. Brody   | 7. Total fee (37 CFR 3.41):\$ 40.00                               |
| Registration No. 33,613  | ☐ Enclosed - Any excess or insufficiency should be                |
| Address: Clark & Brody   | credited or debited to deposit account                            |
| 1750 K Street, NW, Suite 600   | 🗵 Authorized to be charged to deposit account                     |
|  | 8. Deposit account number:  |
| City: Washington State/Prov.: DC   | 50-1088   |
| 20006  | (Attach duplicate copy of this page if paying by deposit account) |
|  |   |
|  | USE THIS SPACE  |
| 9. Statement and signature.  To the best of my knowledge and belief, the foregoing information of the statement and signature. | ation is frue and correct and any attached copy is a true copy    |
| of the original document.  |   |
| Christopher W. Brody   | December 11, 2001   |
| Name of Person Signing   | Signature Date  |
|  | cover sheet, attachments, and                                     |

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

## ASSIGNMENT

Docket No.: 12007-0010

| This is an Assignm                            | ent of the following rights, title and interest:   |  |
|---|--|--|
| T Unite                                       | d States of America rights, title and interest in the invention  |  |
| x Forei                                       | gn rights, title and interest in the invention   |  |
| X Unite                                       | d States Patent Application Serial No  Date of Execution:  | Date of Filing:  |
| Interr  | ational (PCT) Patent Application Serial No   |  |
|   |  |  |
| Title of the Invention                        | n: ILLUMINATION MEASURING DEVICE   |  |
| Inventors (assignors                          | Arno Euteneuer Harald Giessen Martin Hofman  | -  |
| Assignee:                                     | Transmit Gesellschaft Für Technologietran:<br>Kerkrader Strasse 3<br>D-35394 Giessen Germany   | sfer MBH   |
|   | e, the above-identified Inventors, have invented certain new and usefulidentified patent application(s) and/or patent(s) (hereinafter referred to  |  |
| And, where                                    | as we desire to assign our above-identified rights, title and interest in th   | e Invention to the above-identified assignee;  |
| Now, this in                                  | denture witnesseth, that for good and valuable consideration, the receip   | ot whereof is hereby acknowledged;   |
| including any division granted or have grante | assign, sell and transfer our above-identified rights, title and interest in s, continuations, and continuations-in-part thereof, and in and to any aid for said Invention, and in and to any and all reissues and reexaminati dother benefits accruing or to accrue to us with respect to the filing of a d Assignee. | nd all Letters Patent of the United States, which may be ons thereof, and in and to any and all priority rights. |
|   | eby authorize and request the Commissioner of Patents and Trademark:<br>a to said Assignee, as assignee of the whole right, title and interest there   |  |
| continuations and con-                        | her agree to sign and execute all necessary and lawful future document inuations-in-part of said application for patent, and/or, for obtaining ar id Invention, as the Assignee or its Designee(s) may from time to time   | y reissue or reissues of any Letters Patent which may be   |
| ×   | no Calayer   | X 18 11 7001   |
| Signature: A                                  | rno Euteneuer  | Date   |
| Witness Signature:<br>Typed or Printed Na     | me: X TERSTUMPT, Torus   | TIIT Cable   |
| Witness Signature:<br>Typed or Printed Na     | me: X Majora Pajarra   | ·<br>  |
| $\times$                                      |  | X  |
| Signature: H                                  | arald Giessen  | Date   |
| Witness Signature:<br>Typed or Printed Na     | me:  |  |
| Witness Signature:<br>Typed or Printed Na     | me:  |  |

Third joint inventor listed on second sheet.

## ASSIGNMENT

Docket No.: 12007-0010

| This is an A                                     | Assignment of t  | he following rights, title and interest:   |   |                |
|--|--|--|---|----------------|
| $\Box$   | United State   | s of America rights, title and interest in the   | invention   |                |
| $\mathbf{x}$                                     | Foreign righ   | ts, title and interest in the invention  |   |                |
| x  | United States Patent Application Serial No  Date of Execution:  International (PCT) Patent Application Serial No |  | Date of Filing:   |                |
| [x]  |  |  |   |                |
|  |  |  |   |                |
| Title of the                                     | Invention:   | ILLUMINATION MEASURIN  | NG DEVICE   |                |
| Inventors (a                                     | ssignors):   | Arno Euteneuer<br>Harald Giessen<br>Martin Hofman  |   |                |
| Assignee:  |  | Transmit Gesellschaft Für Tecl<br>Kerkrader Strasse 3<br>D-35394 Giessen Germany   | hnologietransfer MBH  |                |
|  |  | pove-identified Inventors, have invented certain to<br>fied patent application(s) and/or patent(s) (herein   | new and useful improvements in the Invention identified above after referred to as "Invention");  | and            |
| And  | i, whereas we de   | esire to assign our above-identified rights, title ar  | nd interest in the Invention to the above-identified assignee;  |                |
| Nov  | w, this indenture  | witnesseth, that for good and valuable considera   | ation, the receipt whereof is hereby acknowledged;  |                |
| including any<br>granted or hav<br>Convention ri | divisions, conti-<br>ve granted for sa   | nuations, and continuations-in-part thereof, and it is id Invention, and in and to any and all reissues a benefits accruing or to accrue to us with respect to | and interest in said Invention, said applications(s) as identified in and to any and all Letters Patent of the United States, which and reexaminations thereof, and in and to any and all priority rights to the filing of applications for patents or securing of patents in the filing of applications. | may be<br>hts, |
|  |  | orize and request the Commissioner of Patents and Assignee, as assignee of the whole right, title and  | and Trademarks to issue any United States Letters Patent which and interest thereto;  | may            |
| continuations                                    | and continuation   | ns-in-part of said application for patent, and/or, f   | nture documents, including applications, for filing divisions, for obtaining any reissue or reissues of any Letters Patent which in time to time require and prepare at its own expense.  | . may`x        |
| X  |  |  | Χ   |                |
| Signature:                                       | Arno Ei  | iteneuer   | Date  |                |
| Witness Sign                                     | nature:  | <u>×</u>   |   |                |
| Typed or Pri                                     |  | *  | -   |                |
| Witness Sign<br>Typed or Pri                     |  | <u> </u>   |   |                |
| <u> </u>   | oto  | wald Gire Seen   | X 15, 11.2001   |                |
| Signature:                                       | Harald (   | Giessen /  | Date  |                |
| Witness Sign                                     |  | X District   |   |                |
| Typed or Prin                                    | nted Name:   | Z DIETMAR NAM  |   |                |
| Witness Sign<br>Typed or Pri                     |  | Y PRINTEIPEL   |   |                |
|  |  |  |   |                |

Third joint inventor listed on second sheet.

ignature: Martin Hetmana

X November 16, 200.

Date

Witness Signature: Typed or Printed Name:

Y GUIL HOTCH

Witness Signature:

Typed or Printed Name:

PETER STUMPF Tour SILIT GODIN

PATENT REEL: 012781 FRAME: 0083

**RECORDED: 04/10/2002**